Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
Crawford					
Third Quarter 07:					
Unit 7					
				Blr Control-Blr &	
8/3/2007	10:36:00			Coal Hand. Maif.	boiler trip
8/5/2007	22:54:00			Boiler Startup	reduced fan speed
8/6/2007	0:30:00			Boiler Startup	reduced fan speed
8/28/2007	0:48:00		57.62	Boiler Startup	adjust combustion
Third Quarter 07:					
Unit 8					
				Sootblowing-Boiler	
7/6/2007	11:48:00		30.6	Tubes	sootblowing
				Other Known	reset precipitator
7/7/2007	0:12:00		34.8	Causes	controls
7/7/2007	0-20-00		20.7	Other Known	reset precipitator
7/7/2007	0:30:00		32.1	Causes Other Known	controls reset precipitator
7/7/2007	1:36:00		22.2	Causes	controls
1112001	1.30.00		33.3	Feeder Problems-	CORTOIS
				Bir & Coal Hand.	
7/7/2007	13:54:00		30.7	Malf,	reduced load
	10.0 1100				stopped
7/10/2007	10:06:00	*	31.5	Tubes	sootblowing
				Sootblowing-Boiler	stopped
7/10/2007	10:12:00	6 Minutes	30.7	Tubes	sootblowing
7/15/2007	7:12:00		53.4	Boiler Off	reduced fan speed
7/15/2007	7:24:00	*	39.7	Boiler Off	reduced fan speed
7/15/2007	7:30:00	6 Minutes	38	Boiler Off	reduced fan speed
7/29/2007	13:00:00	*	30.9	Load Change	reduced load
7/29/2007	13:06:00	6 Minutes		Load Change	reduced load
				Sootblowing-Boiler	stopped
8/5/2007	15:54:00		30.5	Tubes	sootblowing
				Control Problems-	
				Precip. & Ash	
8/7/2007	12:00:00	*	39.64	Hand, Sys. Malf.	reduced load
				Control Problems-	
				Precip. & Ash	
8/7/2007	12:06:00	*	63.42	Hand, Sys. Malf.	reduced load
				Control Problems-	
0,17,000	40.40.00	40.54		Precip. & Ash	, , ,
8/7/2007	12:12:00	12 Minutes	60.16	Hand, Sys. Malf.	reduced load
0/7/0007	04:04:00	*	04.04	Sootblowing-Boiler	and the set
8/7/2007	21:24:00		31.31	Tubes	reduced load

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Sootblowing-Boiler	•
8/7/2007	21:30:00	6 Minutes	31.09	Tubes	reduced load
				Turbine/Unite Trip-	
				Bir & Coal Hand.	
8/9/2007	9:24:00	*	31.57		boiler trip
				Turbine/Unite Trip-	
				Blr & Coal Hand.	
8/9/2007	9:30:00	*	67.45		boiler trip
				Turbine/Unite Trip-	
				Blr & Coal Hand.	
8/9/2007	9:36:00	*	50.83		boiler trip
				Turbine/Unite Trip-	
2,0,0,0,0		_		Blr & Coal Hand.	
8/9/2007	9:42:00	*	41.25		boiler trip
				Turbine/Unite Trip-	
2/2/2027		_		Bir & Coal Hand.	
8/9/2007	9:48:00	*	38.63		boiler trip
				Turbine/Unite Trip-	
0.00.0007	0.54.00			Blr & Coal Hand.	
8/9/2007	9:54:00	30 Minutes	34.44		boiler trip
0147/0007	40.00.00	*	24.0		stopped
8/17/2007	10:06:00		34.3	Tubes Sootblowing-Boiler	sootblowing stopped
8/17/2007	10-12-00	6 Minutes	22.4	Tubes	scopped sootblowing
0/11/2007	10,12,00	o Minutes	ا, کد	Other Known	reset precipitator
8/19/2007	2:18:00		30.73	Causes	controls
8/30/2007	9:36:00			Other-Wet Coal	reduced load
0/30/2007	5.30.00		32.31		stopped
9/4/2007	11:06:00		33 15	Tubes	sootblowing
01-112001	17.00.00		00.10	Sootblowing-Boiler	Journal
9/20/2007	10:48:00		31 24	Tubes	reduced load
Fourth Quarter 07:	10.10.00		J1.21	10000	1000000 1000
Unit 7					
				Control Problems-	
				Precip. & Ash	
12/13/2007	21:48:00	*		Hand. Sys. Malf.	reduced load
				Control Problems-	
				Precip. & Ash	
12/13/2007	21:54:00	*		Hand. Sys. Malf.	reduced load
				Control Problems-	
				Precip. & Ash	
12/13/2007	22:00:00	*		·	reduced load

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Control Problems-	
				Precip. & Ash	
12/13/2007	22:06:00	#	54.76	Hand. Sys. Malf.	reduced load
12110,011				Control Problems-	
				Precip. & Ash	
12/13/2007	22:12:00	*	54.06	Hand. Sys. Malf.	reduced load
,				Control Problems-	
				Precip. & Ash	
12/13/2007	22:18:00	*	54.04	Hand. Sys. Malf.	reduced load
10,10,2001				Control Problems-	
				Precip. & Ash	
12/13/2007	22:24:00	*	51.8	Hand, Sys. Malf.	reduced load
TETTOILUOT				Control Problems-	
				Precip. & Ash	
12/13/2007	22:30:00	*	48.11	Hand. Sys. Malf.	reduced load
12/10/2007	22.00.00			Control Problems-	
				Precip. & Ash	
12/13/2007	22:36:00	*	44.61	Hand, Sys. Malf.	reduced load
12/13/2001	22.00.00			Control Problems-	
				Precip. & Ash	
12/13/2007	22:42:00	*	41.04	Hand. Sys. Malf.	reduced load
12/10/2007	22.72.00			Control Problems-	
				Precip. & Ash	
12/13/2007	22:48:00	*	37.59	Hand, Sys. Malf.	reduced load
12/10/2007	1 12.10.00			Control Problems-	
				Precip. & Ash	
12/13/2007	22:54:00	*	37.21	Hand, Sys. Malf.	reduced load
12/10/2001	22,01.00			Control Problems-	
				Precip. & Ash	
12/13/2007	23:00:00	72 Minutes	32.99	Hand, Sys. Malf.	reduced load
12/10/2007	20,00,00			Turbine/Unit Trip-	
				Bir & Coal Hand.	
12/20/2007	9:00:00	*	34.3	Malf.	boiler trip
12,20,2001	2.33.32			Turbine/Unit Trip-	
				Bir & Coal Hand.	
12/20/2007	9:06:00	*	63.68	I .	boiler trip
12,20,2001	2.23.00			Turbine/Unit Trip-	
				Bir & Coal Hand.	
12/20/2007	9:12:00	*	67.39	Malf.	boiler trip
12,20,2001	3			Turbine/Unit Trip-	
				Bir & Coal Hand.	
12/20/2007	9:18:00	*	48.12	Malf.	boiler trip

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Turbine/Unit Trip-	
				Bir & Coal Hand.	
12/20/2007	9:24:00	*	38.42	Malf.	boiler trip
				Turbine/Unit Trip-	
				Bir & Coal Hand.	
12/20/2007	9:30:00	*	32.14		boiler trip
				Turbine/Unit Trip-	
				Bir & Coal Hand.	
12/20/2007	9:36:00	*	30.7	Malf.	boiler trip
				Turbine/Unit Trip-	
101001000				Blr & Coal Hand.	
12/20/2007	9:42:00	*	34.12		boiler trip
				Turbine/Unit Trip-	
40/00/0007	0.40.00	40 Mm. 4	27.00	Bir & Coal Hand.	h = il = = t =i=
12/20/2007 Fourth Quarter 07:	9:48:00	48 Minutes	37.29	Mair.	boiler trip
Unit 8					
				Other Known	reset precipitator
10/1/2007	3:48:00		31.01	Causes	controls
				Sootblowing-Boiler	
10/1/2007	10:42:00		30.93	Tubes	reduced load
				Sootblowing-Boiler	
10/1/2007	11:00:00	*	32.09	Tubes	reduced load
				Sootblowing-Boiler	
10/1/2007		6 Minutes		Tubes	reduced load
10/12/2007	11:54:00			Load Change	reduced load
10/19/2007	11:18:00		31.96	Load Change	reduced load
10/19/2007	11:24:00	6 Minutes	30.74	Load Change	reduced load
10/25/2007	22:36:00		43.43	Boiler Off	adjust dampers
				Coal Blending	
11/6/2007	13:54:00	*	31.03	Problem	reduced load
				Coal Blending	
11/6/2007	14:00:00	6 Minutes	32.91	Problem	reduced load
				Coal Blending	
11/6/2007	14:12:00	*	33.03	Problem	reduced load
		_		Coal Blending	
11/6/2007	14:18:00	*	33.76	Problem	reduced load
441010007	44.04.00	45 18		Coal Blending	
11/6/2007	14:24:00	12 Minutes	31.42	Problem	reduced load
441010007	45.40.00	*	04.70	Coal Blending	
11/6/2007	15:18:00	-	31.78	Problem	reduced load
11/6/2007	15:24:00	*	24 22	Coal Blending Problem	reduced load
11/0/2007	15.24:00		34.22	Linnelli	reduced load

Date of Opacity			Range of Violation/	n	D4
event	Time	Event Duration	Magnitude	Reason	Remedy
				Coal Blending	
11/6/2007	15:30:00	*	31.97	Problem	reduced load
				Coal Blending	l
11/6/2007	15:36:00	*	32.93	Problem	reduced load
			_	Coal Blending	
11/6/2007	15:42:00	*	33.67	Problem	reduced load
				Coal Blending	
11/6/2007	15:48:00	*	32.91	Problem	reduced load
				Coal Blending	
11/6/2007	15:54:00	36 Minutes	32.11	Problem	reduced load
				Coal Blending	
11/6/2007	17:30:00	*	31.05	Problem	reduced load
				Coal Blending	
11/6/2007	17:36:00	6 Minutes	31.55	Problem	reduced load
				Coal Blending	
11/6/2007	18:42:00		30.59	Problem	reduced load
				Coal Blending	
11/6/2007	18:54:00		30.8	Problem	reduced load
				Coal Blending	
11/6/2007	19:00:00		31.61	Problem	reduced load
				Coal Blending	
11/6/2007	19:36:00		32.09	Problem	reduced load
				Coal Blending	
11/6/2007	19:42:00	*	32.45	Problem	reduced load
				Coal Blending	
11/6/2007	19:48:00	*	34.13	Problem	reduced load
				Coal Blending	
11/6/2007	19:54:00	*	36.57	Problem	reduced load
11,0,2001				Coal Blending	
11/6/2007	20:00:00	*	38.49	Problem	reduced load
1110/2001				Coal Blending	
11/6/2007	20:06:00	*	37.64	Problem	reduced load
,	20.00.00			Coal Blending	
11/6/2007	20:12:00	*	34.98	Problem	reduced load
111012001	20.72.00		3.1.00	Coal Blending	
11/6/2007	20.18.00	42 Minutes	31 29	Problem	reduced load
111012001	20,10.00	42 Millianca	01.20	Coal Blending	
11/6/2007	20:30:00	*	30.82	Problem	reduced load
11/0/2007	∠∪.3∪.∪∪		00,02	Coal Blending	1000000 1000
441010007	20:36:00	*	25 24	Problem	reduced load
11/6/2007	20.30.00		33.34	Coal Blending	TOUGOCG TOUG
4 4 IC IDDD	90.49.00	*	3/1 0/2	Problem	reduced load
11/6/2007	20:42:00		34.93	Coal Blending	TEUUUSU IUUU
11/6/2007	20:48:00		20.40	Problem	reduced load

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
			-	Coal Blending	-
11/6/2007	20:54:00	*	31.85	Problem	reduced load
				Coal Blending	
11/6/2007	21:00:00	*	31.16	Problem	reduced load
				Coal Blending	
11/6/2007	21:06:00	*	33.17	Problem	reduced load
				Coal Blending	
11/6/2007	21:12:00	*	31.66	Problem	reduced load
				Coal Blending	
11/6/2007	21:18:00	*	33.36	Problem	reduced load
				Coal Blending	
11/6/2007	21:24:00	*	32.1	Problem	reduced load
				Coal Blending	
11/6/2007	21:30:00	4	33.85	Problem	reduced load
				Coal Blending	
11/6/2007	21:36:00	*	32.4	Problem	reduced load
				Coal Blending	
11/6/2007	21:42:00	72 Minutes		Problem	reduced load
11/9/2007	1:36:00		43.7	Boiler Off	reduced fan speed
				Coal Blending	
11/9/2007	18:00:00	*	31.11	Problem	reduced load
				Coal Blending	
11/9/2007	18:06:00	*	31.51	Problem	reduced load
				Coal Blending	
11/9/2007	18:12:00	12 Minutes	30.83	Problem	reduced load
				Turbine/Unit Trip-	
				Bir & Coal Hand.	
11/12/2007	15:24:00	*	43.97		boiler trip
				Turbine/Unit Trip-	
				Bir & Coal Hand.	
11/12/2007	15:30:00	6 Minutes	32.74		boiler trip
				Control Problems-	
				Precip. & Ash	
11/26/2007	12:36:00		42.17	Hand, Sys. Malf.	reduced load
				Tube Leaks-Blr &	
12/1/2007	4:00:00	+	38.12	Coal Hand, Malf.	reduced load
				Tube Leaks-Blr &	
12/1/2007	4:06:00	*	34.22	Coal Hand, Malf.	reduced load
				Tube Leaks-Blr &	
12/1/2007	4:12:00	*	32.42	Coal Hand, Malf.	reduced load
	- ·			Tube Leaks-Blr &	
12/1/2007	4:18:00	18 Minutes	31.68	Coal Hand, Malf.	reduced load
			5	Tube Leaks-Blr &	
12/1/2007	5:36:00		34.12	Coal Hand. Malf.	reduced load

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
12/1/2007	14:24:00		34.23	Boiler Off	cooling boiler
				Sootblowing-Boiler	
12/19/2007	9:06:00		30.9	Tubes	reduced load
				Sootblowing-Boiler	
12/23/2007	21:24:00	*	30,62	Tubes	reduced load
			00.00	Sootblowing-Boiler	
12/23/2007	21:30:00	6 Minutes	33.09	Tubes	reduced load
First Quarter 08:					
Unit 7				Turbine/Unit Trip- Blr & Coal Hand.	
1/9/2008			54.73		reset fan
1/10/2008				Boiler Startup	reduce fan speed
1/28/2008				Load Change	adjust controls
1/28/2008		6 Minutes		Load Change	adjust controls
1/29/2008				Load Change	reduced load
1/29/2008	8:54:00		31.12	Load Change	reduced load
				Bir Control-Bir &	
1/31/2008	10:24:00	*	36.77	Coal Hand, Malf.	adjust combustion
				Bir Control-Bir &	
1/31/2008		6 Minutes		Coal Hand, Malf.	adjust combustion
2/5/2008				Boiler Startup	adjust dampers
2/14/2008				Load Change	reduced ramp rate
2/16/2008	.]			Boiler Off	cooling boiler
2/16/2008		6 Minutes		Boiler Off	cooling boiler
2/16/2008	1			Boiler Off	cooling boiler
2/16/2008				Boiler Off	cooling boiler
2/16/2008				Boiler Off	cooling boiler
2/16/2008				Boiler Off	cooling boiler
2/17/2008	19:30:00	*		Boiler Startup	reduced fan speed
2/17/2008	19:36:00	6 Minutes		Boiler Startup	reduced fan speed
2/17/2008	20:36:00	*	33.22	Boiler Startup	reduced fan speed
2/17/2008		6 Minutes	32.57	Boiler Startup	reduced fan speed
2/17/2008			36.81	Boiler Startup	reduced fan speed
2/17/2008				Boiler Startup	reduced fan speed
2/17/2008				Boiler Startup	reduced fan speed
2200				Sootblowing-Boiler	stopped
3/1/2008	1:24:00		30.81	Tubes	sootblowing
				Sootblowing-Boiler	
3/1/2008	11:24:00		32.44	Tubes	sootblowing
				Sootblowing-Boiler	
3/4/2008	9:00:00	*	36.99	Tubes	sootblowing

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Sootblowing-Boiler	stopped
3/4/2008	9:06:00	6 Minutes	35.92	Tubes	sootblowing
					reset precipitator
3/11/2008	2:24:00		30.86	Off Power Rapping	controls
				Bir Control-Bir &	
3/19/2008	1:06:00			Coal Hand, Malf.	boiler trip
3/19/2008	11:36:00			Boiler Startup	stabilize air flow
3/19/2008	13:06:00		32.94	Boiler Startup	stabilize air flow
0/05/0000	7.00.00		00.54	Sootblowing-Boiler	stopped
3/25/2008	7:30:00		32.51	Tubes	sootblowing
2/25/2000	7,36,00	C Minuton	22.76	Sootblowing-Boiler	stopped
3/25/2008	7:30:00	6 Minutes	33.70	Tubes Sootblowing-Boiler	sootblowing stopped
3/25/2008	9:18:00		30.81	Tubes	sootblowing
312312000	3. (0.00			Sootblowing-Boiler	SOCIDIOWING
3/29/2008	7:00:00		32.31	Tubes	reduced load
First Quarter 08: Unit 8	1.00.00		02.0		1044004 1044
				Sootblowing-Boiler	
1/19/2008	10:06:00		33.04	Tubes	reduced load
4446/2022	40.40.00			Sootblowing-Boiler	
1/19/2008	10:42:00		31.09	Tubes	reduced load
1/25/2008	11:48:00		22.02	Sootblowing-Boiler Tubes	reduced load
1/23/2000	11.40.00		32.02	Sootblowing-Boiler	reduced load
1/26/2008	11:06:00		33 30	Tubes	reduced load
1/20/2000	11.00.00		00,00		stopped
2/1/2008	5:12:00		31.36	Tubes	sootblowing
2/4/2008	8:36:00			Load Change	reduced load
			200	Sootblowing-Boiler	
2/12/2008	17:36:00	*	33.12	Tubes	reduced load
2/12/2008	17:42:00	6 Minutes	30.81		
***************************************				Sootblowing-Boiler	stopped
2/14/2008	3:30:00		32.35	Tubes	sootblowing
					stopped
2/14/2008	22:30:00		31.39		sootblowing
				Fan Problems-Blr	-
2/17/2008	2:18:00	*	46.56		boiler trip
- 1 4 PM F			_	Fan Problems-Blr	
2/17/2008	2:24:00	я	37.6	& Coal Hand, Malf.	boiler trip
9/47/0000	0.00.00	40 145	00.45	Fan Problems-Bir	to a though to the
2/17/2008		12 Minutes		& Coal Hand, Malf.	
2/24/2008	15:48:00		39.71	Boiler Off	testing fans

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Sootblowing-Boiler	
2/28/2008	2:48:00		35.26	Tubes	sootblowing
				Sootblowing-Boiler	stopped
3/12/2008	8:18:00		30.86	Tubes	sootblowing
			04.04	Bir Control-Bir &	reduced load
3/18/2008	8:42:00		64.64	Coal Hand, Malf. Turbine/Unit Trip-	reduced load
	•			Bir & Coal Hand.	
0.000.000	7,04,00		15.5	Malf.	boiler trip
3/25/2008	7:24:00		40.0	Turbine/Unit Trip-	DONG! EID
				Bir & Coal Hand.	
3/25/2008	7:36:00		40.15		boiler trip
Second Quarter	00.00.1		10.110		
08: Unit 7					
4/9/2008	11:24:00	*	34.66	Off Power Rapping	reduced load
4/9/2008		6 Minutes		Off Power Rapping	
4/3/2000	11.50.00	Williates		Sootblowing-Boiler	stopped
4/10/2008	10:06:00		31.02	Tubes	sootblowing
4/10/2008		·			
1110/2000				Sootblowing-Boiler	stopped
4/25/2008	13:18:00			Tubes	sootblowing
4/26/2008			30.66	Boiler Off	cooling boiler
4/26/2008			32.11	Boiler Off	cooling boiler
4/26/2008		*	49.57	Boiler Off	cooling boiler
4/26/2008		*	70.56	Boiler Off	cooling boiler
4/26/2008		12 Minutes	41.81	Boiler Off	cooling boiler
4/26/2008			43.27	Boiler Off	cooling boiler
4/26/2008		6 Minutes	32.61	Boiler Off	cooling boiler
4/26/2008			45.74	Boiler Off	cooling boiler
4/26/2008		6 Minutes	30.95	Boiler Off	cooling boiler
4/26/2008		· · · · · · · · · · · · · · · · · · ·	50.96	Boiler Off	stabilize air flow
4/28/2008			40.92	Boiler Startup	adjust dampers
4/28/2008		6 Minutes		Boiler Startup	adjust dampers
4/28/2008				Boiler Startup	adjust dampers
4/28/2008				Boiler Startup	adjust combustion
5/15/2008		<u> </u>		Boiler Startup	reduced fan speed
5/15/2008				Boiler Startup	reduced fan speed
5/15/2008				Boler Startup	reduced fan speed
5/15/2008		6 Minutes		Boler Startup	reduced fan speed
3/13/2000	2.40.00	O Millutea	04.10	Control Problems-	
				Precip. & Ash	reset precipitator
5/30/2008	12:12:00		32.16	Hand. Sys. Malf.	controls

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Control Problems-	
				Precip. & Ash	reset precipitator
5/30/2008	12:24:00	*	39.55	Hand. Sys. Malf.	controls
				Control Problems-	
			_	Precip. & Ash	reset precipitator
5/30/2008		6 Minutes		Hand. Sys. Malf.	controls
6/6/2008	5:36:00		38.05	Boiler Startup	adjust combustion
Second Quarter					
08: Unit 8					
4/3/2008	5:12:00			Load Change	adjust controls
4/3/2008	5:54:00		35.83	Load Change	adjust controls
					reset precipitator
4/6/2008	1:06:00		32.92	Off Power Rapping	
				Sootblowing-Boiler	
4/28/2008	18:54:00		30.84	Tubes	sootblowing
	1-1-1-		2014	Sootblowing-Boiler	stopped
4/29/2008				Tubes	sootblowing
5/13/2008				Boiler Startup	adjust dampers
5/13/2008	1:36:00		36.94	Boiler Startup	adjust dampers
				Sootblowing-Boiler	
6/5/2008	9:30:00		47,5	Tubes	reduced load
	* The state of the			Turbine/Unit Trip-	
01451550			F 0.04	Blr & Coal Hand.	
6/12/2008	7:48:00		58.34		boiler trip
				Control Problems-	
cionionos	10:48:00		20.00	Precip. & Ash	reduced load
6/20/2008	10.46.00		30.00	Hand. Sys. Malf. Control Problems-	reduced load
				Precip. & Ash	
6/20/2008	10.54.00	6 Minutes	21 12	Hand. Sys. Malf.	reduced load
0/20/2000	10,7*0,00	o minates	01,10	Sootblowing-Boiler	stopped
6/24/2008	9:54:00		30 94	Tubes	sootblowing
0/2-1/2000	0,07,00	······································	00.01	Sootblowing-Boiler	stopped
6/24/2008	21:30:00		30.63	Tubes	sootblowing
0.22000	21.00.00			Bir Control-Bir &	
6/26/2008	7:12:00		30.73	Coal Hand. Malf.	reduced load
				Bir Control-Bir &	
6/26/2008	8:42:00		33.63	Coal Hand. Malf.	reduced load
				Bir Control-Bir &	
6/26/2008	9:36:00		30.93	Coal Hand. Malf.	reduced load
				Blr Control-Blr &	
6/26/2008	12:30:00		30.79	Coal Hand, Malf.	reduced load
					stopped
6/27/2008	0:00:00		31.2	Tubes	sootblowing

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Sootblowing-Boiler	stopped
6/27/2008	17:06:00		32.37	Tubes	sootblowing
				Control Problems-	
				Precip. & Ash	reset precipitator
6/28/2008	0:00:00		38.54	Hand. Sys. Malf.	controls
Third Quarter 08:					
Unit 7					
				Sootblowing -	
7/16/2008	19:06:00		33.47	Boiler Tubes	reduced load
7/24/2008	21:36:00		31.31	Boiler Off	cooling boiler
				Tube Leaks-Bir &	
9/22/2008	9:00:00	*	53.25	Coal Hand, Malf.	reduced load
				Tube Leaks-Blr &	
9/22/2008	9:06:00	6 Minutes	35.76	Coal Hand, Malf.	reduced load
9/22/2008			36.22	Boiler Off	cooling boiler
0.22.200				Mill Problems-Blr &	
9/28/2008	17:06:00	*	43.57	Coal Hand. Malf.	reduced load
0,20,200				Mill Problems-Blr &	
9/28/2008	17:12:00	6 Minutes	34.02	Coal Hand, Malf.	reduced load
Third Quarter 08:					
Unit 8					
7/1/2008	8:54:00		43.89	Boiler Startup	adjust dampers
7/1/2008	9:12:00		36.95	adjust dampers	adjust dampers
				Control Problems-	
				Precip. & Ash	
7/5/2008	16:54:00		36.66	Hand. Sys. Malf.	reduced load
				Sootblowing-Boiler	
7/7/2008	9:18:00		32.56	Tubes	reduced load
				Sootblowing-Boiler	
7/8/2008	10:12:00	*	32.03	Tubes	reduced load
				Sootblowing-Boiler	
7/8/2008	10:18:00	6 Minutes	31.18	Tubes	reduced load
				Sootblowing-Boiler	
7/8/2008	12:12:00		30.9	Tubes	reduced load
				Sootblowing-Boiler	
7/8/2008	12:54:00	*	31.14	Tubes	reduced load
				Sootblowing-Boiler	
7/8/2008	13:00:00	6 Minutes	32.36	Tubes	reduced load
				Sootblowing-Boiler	
7/8/2008	13:12:00		30.94	Tubes	reduced load
				Sootblowing-Boiler	
7/9/2008	9:06:00	*	31.56	Tubes	reduced load
				Sootblowing-Boiler	
7/9/2008	9:12:00	6 Minutes	30.82	Tubes	reduced load

Date of Opacity			Range of Violation/		
event	Time	Event Duration	Magnitude	Reason	Remedy
				Sootblowing-Boiler	
7/9/2008	13:24:00		30.79	Tubes	reduced load
				Control Problems-	
				Precip. & Ash	performed
7/10/2008	1:24:00	*	35.99	Hand, Sys. Malf.	maintenance
171012000				Control Problems-	
				Precip. & Ash	performed
7/10/2008	1:30:00	*	35.16	Hand. Sys. Malf.	maintenance
1710/2000				Control Problems-	
				Precip. & Ash	performed
7/10/2008	1:36:00	12 Minutes	32.71	Hand. Sys. Malf.	maintenance
771072000	1.00.00	12 11111100		Sootblowing-Boiler	
7/10/2008	16:00:00		31.53	Tubes	reduced load
771072000	10.00.00			Sootblowing-Boiler	
7/10/2008	16:12:00		31.7	Tubes	reduced load
7710/2000	10.12.00		3,11	Sootblowing-Boiler	
7/11/2008	11:36:00		33.67	Tubes	reduced load
7/11/2000	11.50.00			Sootblowing-Boiler	
7/12/2008	8:24:00		30.96	Tubes	reduced load
				Load Change	reduced load
7/14/2008	13.42.00		30.72	Precip.	100000 1000
				Plates/Wires-	
				Precip. & Ash	
7/4 4/0000	45.20.00		31 10	Hand. Sys. Malf.	reduced load
7/14/2008	15:30:00		31.13	Sootblowing-Boiler	Todadood Toda
714510000	44.00.00		24.41	Tubes	reduced load
7/15/2008	11:06:00		34.41	Sootblowing-Boiler	reduced toad
711517000	40.00.00		21.10	Tubes	reduced load
7/15/2008	12:36:00		31.10	Other Known	TCUBGCU TOBU
			20.07	Causes	reduced load
7/15/2008	13:06:00		30.87	Other Known	TEUUCEU IDAU
			20.40	Causes	reduced load
7/15/2008	14:36:00		32,12	Cduses	returned eq. to
			20.55	Off Dawer Banaina	,
7/18/2008	3:06:00		36.55	Off Power Rapping	Hormai operations
			55.55	Sootblowing-Boiler	and cool load
7/20/2008	16:18:00		36.92	Tubes	reduced load
				Sootblowing-Boiler	1
7/20/2008	23:48:00		33.3	Tubes	reduced load
				Sootblowing-Boiler	
7/21/2008	21:24:00	1	30.85	Tubes	reduced load
7/21/2008	21:24:00		30.85	Tubes	reduced load

Date of Opacity	T:	Event Duration	Range of Violation/ Magnitude	Reason	Remedy
event	Time	Event Duration	waymude	Sootblowing-Boiler	remouy
			50.0		radusad laad
7/23/2008	16:30:00		30.9	Tubes	reduced load
7/26/2008	4:42:00		41.39	Off Power Rapping	stabilize air flow
172072000	7.72.00			Sootblowing-Boiler	
7/30/2008	9:54:00		31.05	Tubes	reduced load
				Sootblowing-Boiler	
7/00/0000	40.54.00		22.00	Tubes	reduced load
7/30/2008	19:54:00		33.99	Tubes	reduced load
				Sootblowing-Boiler	
7/30/2008	21:00:00	 *	32.15	Tubes	reduced load
	21.00.00		32.10		
				Sootblowing-Boiler	
7/30/2008	21:06:00	6 Minutes	30.58	Tubes	reduced load
				Sootblowing-Boiler	
7/31/2008	14:30:00		33.76	Tubes	reduced load
				Sootblowing-Boiler	
7/31/2008	19:30:00		32.24	Tubes	reduced load
8/2/2008	2:54:00		36.89	Off Power Rapping	shut off rappers
8/12/2008			40.05	Off Danier Danier	stopped power
	3:54:00		46.25	Off Power Rapping Sootblowing-Boiler	гарріпу
P.44 410000	44.40.00		21.04	Tubes	reduced load
8/14/2008	14:12:00		31.54	Tubes	reduced load
				Sootblowing-Boiler	
8/14/2008	14:42:00		32.44	Tubes	reduced load
J. 1 11 E J J J	1				
				Sootblowing-Boiler	stopped
8/15/2008	13:48:00		31.05	Tubes	sootblowing
					stopped power
8/16/2008	3:12:00		37.14	Off Power Rapping	rapping
				Sootblowing-Boiler	stopped
8/18/2008	13:30:00		30.7	Tubes	sootblowing
0/48/0008	14.00.00		21 22	Load Change	reduced load
8/18/2008	14:00:00		31.33	Sootblowing-Boiler	1000ed 1000
8/20/2008	14:00:00		30.62	Tubes	reduced load
8/20/2008	14:00:00	1	30.02	14003	, Judged loud

me 8:30:00	Event Duration *		Reason Fuel Firing Problems-Blr &	Remedy
8:30:00	*	43.81	Problems-Bir &	
8:30:00	*	43.81		
8:30:00	*	43.81		
			Coal Hand, Malf.	adjust controls
, AAA.			Fuel Firing	
			Problems-Blr &	
8:36:00	6 Minutes	47.64	Coal Hand, Malf.	adjust controls
			Sootblowing-Boiler	stopped
15:18:00		31.15	Tubes	sootblowing
6:24:00		33.73	Load Change	adjust air flow
0.2 1.00				stopped
11:06:00		30.98		sootblowing
				reset precipitator
2-06-00		36.45	Off Power Rapping	controls
2.00.00				
21-18-00		31.06		reduced load
21.10.00				
			Sootblowing-Boiler	
21:30:00		30.67		reduced load
21.00.00				
				reset precipitator
n·42·nn		32.38	Off Power Rapping	
0.⊣∠.00				stopped
16:42:00		32		sootblowing
10.12.00				
				reset precipitator
0.30.00		32.01	Off Power Rapping	
0.00.00		34.01		reset precipitator
3:30:00	*	30.59	Off Power Rapping	
0.00.00				reset precipitator
3:36:00	*	42.25	Off Power Rapping	
0.00.00				reset precipitator
3.42.00	12 Minutes	41.88	Off Power Rapping	
	15:18:00 6:24:00 11:06:00 2:06:00 21:18:00 21:30:00 0:42:00 16:42:00 0:30:00 3:30:00	6:24:00 11:06:00 2:06:00 21:18:00 21:30:00 0:42:00 16:42:00	15:18:00 31.15 6:24:00 33.73 11:06:00 30.98 2:06:00 36.45 21:18:00 31.06 21:30:00 30.67 0:42:00 32.38 16:42:00 32 0:30:00 32.01 3:36:00 * 42.25	15:18:00 31.15 Sootblowing-Boiler Tubes